

Product Name: PDK4 Mouse Monoclonal Antibody**Catalog #: AMM86103**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	46.5kDa

Antigen Information

Gene Name	PDK4
Alternative Names	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 4, mitochondrial, Pyruvate dehydrogenase kinase isoform 4, PDK4, PDHK4
Gene ID	5166.0
SwissProt ID	Q16654
Immunogen	Purified His-tagged PDK4 protein(Fragment) was used to produced this monoclonal antibody.

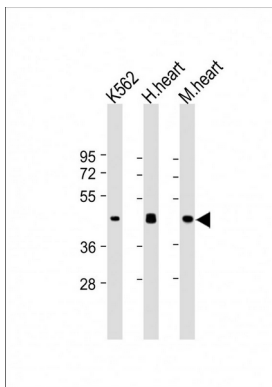
Background

This gene is a member of the PDK/BCKDK protein kinasefamily and encodes a mitochondrial protein with a histidine

kinasedomain. This protein is located in the matrix of the mitochondria and inhibits the pyruvate dehydrogenase complex by phosphorylating one of its subunits, thereby contributing to the regulation of glucose metabolism. Expression of this gene is regulated by glucocorticoids, retinoic acid and insulin.

Research Area

Image Data



All lanes : Anti-PDK4 Antibody at 1:500-1:1000 dilution